



# Stella Doradus Ireland Ltd.

## 52 6004H 5.2GHz Base Station antenna



*The 52 6004H is a base station point to point antenna designed for use in high density RF environments  
The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specifications

Gain	21dBi
3dB beam Pattern	60° x 4°
Bandwidth	5.1 - 5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	30dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	32dB

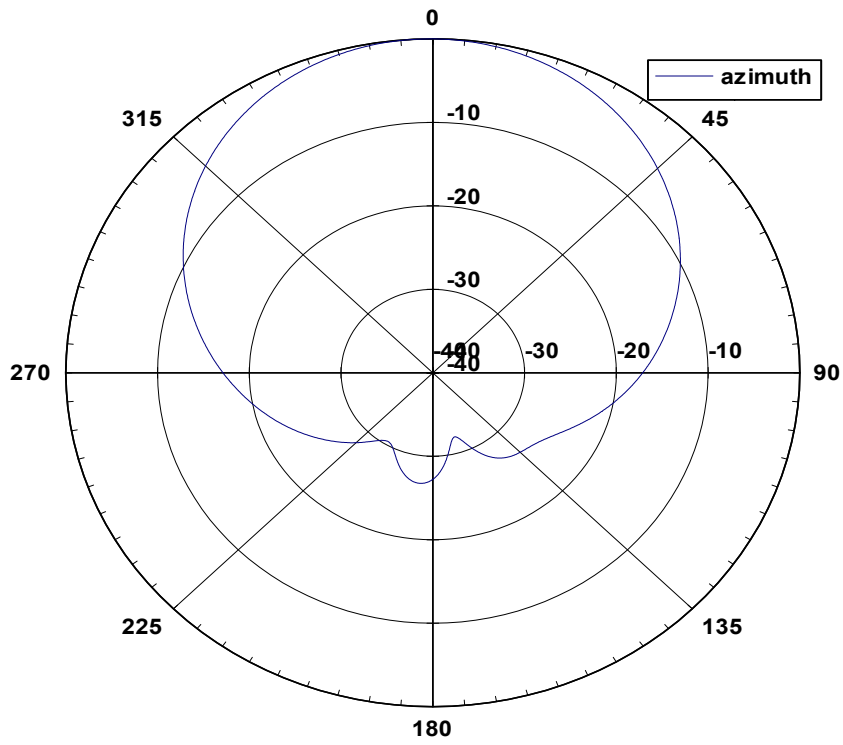
### Mechanical Specifications

Length	78cm
Width	24.5cm
Depth	2.5cm
Weight	2.7kg
Windage(at 215km/h)	55kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5cm pipe

### Materials

Radiating Element	Beam forming PCB patch array
Radome ( feed )	ABS Grey
Clamps	HDG steel + galvanised steel bolts

52 6004H Azimuth Pattern



52 6004H Elevation Pattern

